

Sub A5

What is claimed is:

1. An organic electroluminescence element having a laminate of an anode, a hole injecting layer made of an organic compound and laminated in contact with said anode, a light emitting layer made of an organic compound, an electron transport layer made of an organic compound, and a cathode, wherein said light emitting layer comprises of a carbasol compound as a main component and includes a iridium complex compound at a concentration of 0.5 wt% to 8 wt%.
 2. An organic electroluminescence element according to claim 1, wherein said iridium complex compound is tris(2-phenylpyridine).
 3. An organic electroluminescence element according to claim 2, wherein said carbasol compound is 4,4'-N,N'-dicarbasol-biphenyl.
 4. An organic electroluminescence element according to claim 2, wherein said carbasol compound is 4,4',4'''-tris(N-carbasolyl)triphenylamine.
 5. An organic electroluminescence element according to claim 1, further comprising one or more layers made of a material including an organic compound and having a hole transport capability, disposed between said anode and said light emitting layer.
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6. An organic electroluminescence element according to claim 1, further comprising an electron injecting layer disposed between said cathode and said electron transport layer.

7. An organic electroluminescence element according to claim 1 further comprising a hole blocking layer made of an organic compound between said light emitting layer and said electron transport layer.

8. An organic electroluminescence element according to claim 7, wherein said light emitting layer includes an electron transport material having an ionization potential smaller than said hole blocking layer.

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